



FLEX800™ R SERIES CONVERSION UPGRADES



The Toro FLEX800™ R Series Conversion Upgrades enable customers with existing Rain Bird® Eagle™ 900 and 1100 Series sprinklers to upgrade to Toro's industry leading sprinkler technology. The benefits of upgrading include the patented Trujectory™ adjustment, full and part circle in the same sprinkler, the ability to ratchet the riser and clutch the nozzle base, and an extra 1½" pop-up height.

Features & Benefits

Industry's Largest Nozzle Selection

Nozzles from 42' to 100' radius plus a wide assortment of back nozzles lets you put the precise amount of water exactly where you need it.

20,000 Volt Lightning Rating

Spike Guard™ solenoid virtually eliminates the need for replacements in high lightning areas. Draws half the amperage of traditional solenoids so you can run twice as many sprinklers simultaneously, reduce the cost of wire during installation or increase the distance from controller to sprinkler.

Dual Trujectory

The 25° setting provides maximum distance of throw and the 15° setting provides improved wind performance, radius reduction and obstacle avoidance (FLX54RB & FLX55RB).

True Full-Circle in One – (40° - 330° part circle)

These sprinklers can be full circle today and part circle tomorrow allowing you to simply and economically adjust the area of coverage to match your seasonal needs or meet water rationing mandates (FLX55-6RB & FLX55RB).

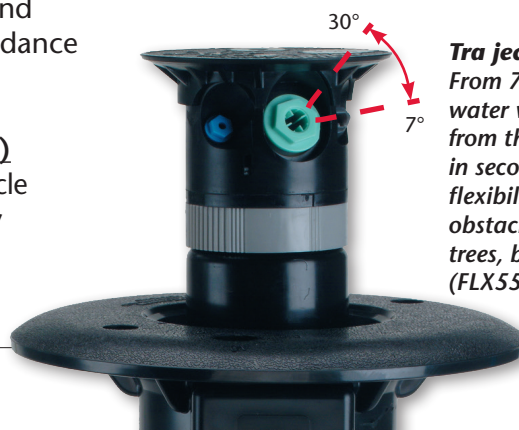
FLX55-6RB



FLX55RB



FLX54RB











































Trujectory – 24 Positions









































From 7° - 30° in 1° increments put water where you want it. Adjust from the top of the sprinkler in seconds, wet or dry. This flexibility lets you tackle every obstacle on the course; wind, trees, bunkers, mounds and more (FLX55-6RB).












































FLEX800™ R SERIES CONVERSION UPGRADES

Main Nozzle Data

| FLX55-6RB-5154 Performance Chart | | | | | | | | | FLX55-6RB-5558 Performance Chart | | | | | | | |
|----------------------------------|---|---|---|---|--|---|---|---|--|---|---|---|--|---|--|---|
| Front Nozzle Positions |  (Yellow) | |  (Blue) | |  (Brown) | |  (Orange) | |  (Green) | |  (Gray) | |  (Black) | |  (Red) | |
| | 102-4587 | | 102-4588 | | 102-4589 | | 102-0728 | | 102-0729 | | 102-0730 | | 102-4261 | | 102-4260 | |
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | 102-2925 Red Plug | 102-2910 Red Plug | 102-2928 Red Plug | 102-2910 Red Plug | 102-2926 Red Plug | 102-2910 Red Plug | 102-2926 Red Plug | 102-2910 Red Plug | 102-2925 Red Plug | 102-2910 Red Plug | 102-2925 Red Plug | 102-2910 Red Plug | 102-2926 Red Plug | 102-2910 Red Plug | 102-2925 Red Plug | 102-2910 Red Plug |
| Back Nozzle Positions |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 |
| PSI | rad/ft | gpm | rad/ft | gpm | rad/ft | gpm | rad/ft | gpm | rad/ft | gpm | rad/ft | gpm | rad/ft | gpm | rad/ft | gpm |
| 60 | 55 | 16.1 | 63 | 20.3 | 69 | 23.4 | 75 | 31.3 | — | — | — | — | — | — | — | — |
| 70 | 56 | 17.4 | 66 | 21.8 | 70 | 25.3 | 76 | 33.8 | — | — | — | — | — | — | — | — |
| 80 | 57 | 18.5 | 68 | 23.3 | 72 | 27.0 | 77 | 36.0 | 80 | 39.1 | 85 | 41.0 | 88 | 45.4 | 92 | 49.7 |
| 90 | 58 | 19.4 | 70 | 24.5 | 75 | 28.5 | 79 | 38.1 | 83 | 41.5 | 87 | 43.5 | 91 | 48.2 | 94 | 52.8 |
| 100 | 59 | 20.5 | 72 | 25.9 | 76 | 30.0 | 80 | 40.2 | 86 | 43.7 | 90 | 45.7 | 94 | 50.6 | 96 | 55.3 |
| Stator | 102-1939 Yellow | | | | | | | | 102-1940 White | | | | | | | |






| FLX55RB-5154 Performance Chart | | | | | | | | | FLX55RB-5558 Performance Chart | | | | | | | |
|--------------------------------|--|---|--|---|---|---|--|---|---|---|--|---|---|---|---|---|
| Front Nozzle Positions | Nozzle Set 51  (Yellow) | | Nozzle Set 52  (Blue) | | Nozzle Set 53  (Brown) | | Nozzle Set 54  (Orange) | | Nozzle Set 55  (Green) | | Nozzle Set 56  (Gray) | | Nozzle Set 57  (Black) | | Nozzle Set 58  (Red) | |
| | 102-6906 | | 102-0726 | | 102-6907 | | 102-0728 | | 102-6955 | | 102-6935 | | 102-6936 | | 102-6909 | |
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | 102-5670 Red Plug | 102-5671 Red Plug | 102-5670 Red Plug | 102-6884 Red Plug | 102-5670 Red Plug | 102-6884 Red Plug | 102-5670 Red Plug | 102-6884 Red Plug | 102-5670 Red Plug | 102-6885 Red Plug | 102-6531 Red Plug | 102-6885 Red Plug | 102-6531 Red Plug | 102-6885 Red Plug | 102-6531 Red Plug | 102-6885 Red Plug |
| Back Nozzle Positions |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 | 102-4335 |
| PSI | rad/ft | gpm | rad/ft | gpm | rad/ft | gpm | rad/ft | gpm | rad/ft | gpm | rad/ft | gpm | rad/ft | gpm | rad/ft | gpm |
| 60 | 56 | 15.2 | 57 | 20.1 | 66 | 24.3 | 68 | 28.0 | — | — | — | — | — | — | — | — |
| 70 | 58 | 16.5 | 60 | 21.7 | 67 | 26.2 | 71 | 30.4 | — | — | — | — | — | — | — | — |
| 80 | 59 | 17.5 | 62 | 23.1 | 68 | 27.8 | 72 | 31.7 | 76 | 39.7 | 80 | 43.1 | 83 | 48.2 | 85 | 53.0 |
| 90 | 60 | 18.4 | 64 | 24.5 | 71 | 28.8 | 74 | 34.5 | 78 | 43.1 | 81 | 45.1 | 86 | 51.2 | 87 | 56.0 |
| 100 | 61 | 19.3 | 66 | 25.3 | 72 | 30.3 | 75 | 36.5 | 80 | 45.5 | 82 | 49.0 | 90 | 54.5 | 89 | 59.0 |
| Stator | 102-1939 Yellow | | | | | | | | 102-1940 White | | | | | | | |

| FLX54RB-5154 Performance Chart | | | | | | | | | FLX54RB-5558 Performance Chart | | | | | | | | |
|--------------------------------|--|---|--|---|---|---|--|---|---|---|--|---|---|---|---|---|---|
| Front Nozzle Positions | Nozzle Set 51  (Yellow) | | Nozzle Set 52  (Blue) | | Nozzle Set 53  (Brown) | | Nozzle Set 54  (Orange) | | Nozzle Set 55  (Green) | | Nozzle Set 56  (Gray) | | Nozzle Set 57  (Black) | | Nozzle Set 58  (Red) | | |
| | 102-0725 | | 102-7001 | | 102-0727 | | 102-7002 | | 102-6908 | | 102-0730 | | 102-4261 | | 102-4260 | | |
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| | Red Plug | Red Plug | Red Plug | Red Plug | Red Plug | Red Plug | Red Plug | Red Plug | Red Plug | Red Plug | Red Plug | Red Plug | Red Plug | Red Plug | Brown | Red Plug | Brown |
| Back Nozzle Positions |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| | Yellow | Blue | Yellow | Orange | Yellow | Red | Yellow | Beige | Yellow | Beige | Yellow | Red | Yellow | Gray | Yellow | Gray | |
| | 102-6937 | 102-2925 | 102-6937 | 102-2926 | 102-6937 | 102-2928 | 102-6937 | 102-2929 | 102-6937 | 102-2929 | 102-6937 | 102-2928 | 102-6937 | 102-4965 | 102-6937 | 102-4965 | |
| | PSI | rad/ft | gpm | rad/ft | gpm | rad/ft | gpm | rad/ft | gpm | rad/ft | gpm | rad/ft | gpm | rad/ft | gpm | rad/ft | gpm |
| 60 | 59 | 14.6 | 62 | 17.4 | 68 | 24.3 | 71 | 28.2 | — | — | — | — | — | — | — | — | |
| 70 | 60 | 15.7 | 63 | 18.8 | 70 | 26.3 | 75 | 30.6 | — | — | — | — | — | — | — | — | |
| 80 | 61 | 16.4 | 64 | 20.0 | 72 | 27.6 | 78 | 32.6 | 83 | 39.5 | 85 | 42.7 | 87 | 45.9 | 91 | 50.2 | |
| 90 | 62 | 17.8 | 66 | 21.3 | 74 | 29.9 | 80 | 34.7 | 85 | 41.6 | 88 | 44.9 | 90 | 48.5 | 93 | 52.8 | |
| 100 | 63 | 18.1 | 67 | 23.6 | 75 | 30.4 | 81 | 36.7 | 87 | 43.7 | 90 | 46.8 | 93 | 51.2 | 95 | 55.4 | |
| Stator | 102-6929 Blue | | | | | | | | 102-1940 White | | | | | | | | |

Not recommended at these pressures. Radius shown in feet.
Toro recommends the use of a 1/4" swing joint at flows over 25-GPM (95-LPM). Sprinkler radius data collected in Toro's zero wind test facility per ASAE standard S398.1.
Actual site conditions must be considered when selecting the appropriate nozzle.





Mainless Data

FLX55-6RB Series Mainless Nozzle Performance Data

| |  | |  | |  | |  | |  | |
|-----|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|
| | Blue 102-2925 | Plug Grey 102-2208 102-2910 | Orange 102-2926 102-2208 102-2910 | Plug Grey 102-2208 102-2910 | Red 102-2928 102-2208 102-2910 | Plug Grey 102-2208 102-2910 | Grey 102-2910 102-2208 102-2910 | Plug Grey 102-2208 102-2910 | Grey 102-2930 102-2208 102-2910 | Plug Grey 102-2208 102-2910 |
| PSI | Radius | GPM | Radius | GPM | Radius | GPM | Radius | GPM | Radius | GPM |
| 65 | 46 | 8.7 | 46 | 10.4 | 50 | 12.4 | 42 | 10.2 | 47 | 13.9 |
| SOR | 5:02 | | 4:16 | | 3:36 | | 4:19 | | 4:06 | |
| 80 | 46 | 9.6 | 47 | 11.5 | 53 | 13.7 | 44 | 11.2 | 51 | 15.3 |
| SOR | 4:22 | | 3:40 | | 3:03 | | 3:53 | | 3:40 | |






















Requires the low-flow stator 102-6929 for indicated rotation speeds.
SOR: Speed of rotation

FLX55RB Mainless Nozzle Performance Data

| |  | |  | |  | |  | |
|-----|---|--------------------------------|---|---------------------------------|---|-------------------------------|---|---------------------------------|
| | Green 102-6531 | Plug Grey 102-2208 102-2910 | Green 102-6531 | Plug Green 102-2208 102-6885 | Green 102-6531 | Plug Red 102-2208 102-2928 | Green 102-6531 | Plug Beige 102-2208 102-2929 |
| PSI | Radius | GPM | Radius | GPM | Radius | GPM | Radius | GPM |
| 65 | 34 | 10.4 | 44 | 10.2 | 48 | 11.5 | 50 | 13.5 |
| SOR | 3:40 | | 3:50 | | 3:25 | | 2:40 | |
| 80 | 37 | 11.6 | 44 | 11.4 | 48 | 12.9 | 50 | 15.0 |
| SOR | 3:15 | | 3:25 | | 3:00 | | 2:30 | |

Requires the low-flow stator 102-6929 for indicated rotation speeds.
SOR: Speed of rotation

Back Nozzle Performance Data

| Nozzles | | | | 65 PSI | | 80 PSI | | |
|----------|-----------------------------------|---|---------|--------|-----|--------|-----|---|
| Part # | Description |  | Color | Radius | GPM | Radius | GPM | Profile |
| 102-6937 | Inner Nozzle w/ Yellow Restrictor |  | Yel/Yel | 29 | 3.7 | 30 | 4.1 |  |
| 102-6531 | Inner Nozzle w/ White Restrictor |  | Grn/Wht | 31 | 4.3 | 33 | 4.6 |  |
| 102-6883 | Intermediate Nozzle |  | Brown | 38 | 2.8 | 38 | 2.8 |  |
| 102-6884 | Intermediate Nozzle |  | Yellow | 41 | 4.1 | 43 | 4.5 |  |
| 102-6885 | Intermediate Nozzle |  | Green | 42 | 5.4 | 45 | 6.0 |  |
| 102-2925 | Intermediate Nozzle |  | Blue | 40 | 2.8 | 42 | 3.2 |  |
| 102-2926 | Intermediate Nozzle |  | Orange | 44 | 4.3 | 45 | 4.8 |  |
| 102-2927 | Intermediate Nozzle |  | Gray | 46 | 5.1 | 47 | 5.4 |  |
| 102-2928 | Intermediate Nozzle |  | Red | 48 | 6.5 | 50 | 7.0 |  |
| 102-2929 | Intermediate Nozzle |  | Beige | 51 | 8.1 | 53 | 9.1 |  |



FLEX800™ R SERIES CONVERSION UPGRADES

Main Nozzle Adapter Performance Charts

Intermediate Nozzle Performance Charts

| 102-2929 Beige | | Trajectory | | 30° | | 25° | | 20° | | 15° | | 10° | | 7° | |
|-------------------|-----|------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Pressure | | Flow | | Radius | | Radius | | Radius | | Radius | | Radius | | Radius | |
| PSI | BAR | GPM | lpm | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters |
| 50 | 3.4 | 8.1 | 30.7 | 53 | 17.4 | 52 | 17.1 | 50 | 16.4 | 48 | 15.7 | 45 | 14.8 | 42 | 13.8 |
| 60 | 4.1 | 8.9 | 33.7 | 57 | 18.7 | 56 | 18.4 | 53 | 17.4 | 51 | 16.7 | 47 | 15.4 | 45 | 14.8 |
| 65 | 4.5 | 9.3 | 35.2 | 58 | 19.0 | 56 | 18.4 | 54 | 17.7 | 51 | 16.7 | 49 | 16.1 | 46 | 15.1 |
| 70 | 4.8 | 9.6 | 36.3 | 59 | 19.4 | 57 | 18.7 | 56 | 18.4 | 53 | 17.4 | 50 | 16.4 | 48 | 15.7 |
| 80 | 5.5 | 10.3 | 39.0 | 61 | 20.0 | 60 | 19.7 | 58 | 19.0 | 56 | 18.4 | 53 | 17.4 | 50 | 16.4 |
| 90 | 6.2 | 10.9 | 41.3 | 63 | 20.7 | 61 | 20.0 | 59 | 19.4 | 57 | 18.7 | 54 | 17.7 | 51 | 16.7 |
| 100 | 6.9 | 11.5 | 43.5 | 65 | 21.3 | 63 | 20.7 | 60 | 19.7 | 58 | 19.0 | 55 | 18.0 | 51 | 16.7 |

| 102-2928 Red | | Trajectory | | 30° | | 25° | | 20° | | 15° | | 10° | | 7° | |
|-----------------|-----|------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Pressure | | Flow | | Radius | | Radius | | Radius | | Radius | | Radius | | Radius | |
| PSI | BAR | GPM | lpm | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters |
| 50 | 3.4 | 6.3 | 23.8 | 53 | 17.4 | 51 | 16.7 | 48 | 15.7 | 46 | 15.1 | 43 | 14.1 | 40 | 13.1 |
| 60 | 4.1 | 7.0 | 26.5 | 55 | 18.0 | 53 | 17.4 | 50 | 16.4 | 48 | 15.7 | 45 | 14.8 | 42 | 13.8 |
| 65 | 4.5 | 7.2 | 27.3 | 56 | 18.4 | 54 | 17.7 | 52 | 17.1 | 49 | 16.1 | 47 | 15.4 | 44 | 14.4 |
| 70 | 4.8 | 7.5 | 28.4 | 57 | 18.7 | 55 | 18.0 | 53 | 17.4 | 51 | 16.7 | 49 | 16.1 | 46 | 15.1 |
| 80 | 5.5 | 8.0 | 30.3 | 59 | 19.4 | 58 | 19.0 | 56 | 18.4 | 54 | 17.7 | 52 | 17.1 | 49 | 16.1 |
| 90 | 6.2 | 8.5 | 32.2 | 60 | 19.7 | 58 | 19.0 | 57 | 18.7 | 55 | 18.0 | 53 | 17.4 | 50 | 16.4 |
| 100 | 6.9 | 9.0 | 34.1 | 61 | 20.0 | 59 | 19.4 | 57 | 18.7 | 55 | 18.0 | 53 | 17.4 | 50 | 16.4 |

| 102-2927 Gray | | Trajectory | | 30° | | 25° | | 20° | | 15° | | 10° | | 7° | |
|------------------|-----|------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Pressure | | Flow | | Radius | | Radius | | Radius | | Radius | | Radius | | Radius | |
| PSI | BAR | GPM | lpm | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters |
| 50 | 3.4 | 5.0 | 18.9 | 50 | 16.4 | 48 | 15.7 | 46 | 15.1 | 44 | 14.4 | 41 | 13.5 | 38 | 12.5 |
| 60 | 4.1 | 5.5 | 20.8 | 52 | 17.1 | 50 | 16.4 | 48 | 15.7 | 46 | 15.1 | 43 | 14.1 | 40 | 13.1 |
| 65 | 4.5 | 5.7 | 21.6 | 53 | 17.4 | 51 | 16.7 | 49 | 16.1 | 46 | 15.1 | 44 | 14.4 | 41 | 13.5 |
| 70 | 4.8 | 5.9 | 22.3 | 53 | 17.4 | 51 | 16.7 | 49 | 16.1 | 47 | 15.4 | 45 | 14.8 | 42 | 13.8 |
| 80 | 5.5 | 6.3 | 23.8 | 54 | 17.7 | 52 | 17.1 | 50 | 16.4 | 48 | 15.7 | 46 | 15.1 | 43 | 14.1 |
| 90 | 6.2 | 6.7 | 25.4 | 55 | 18.0 | 53 | 17.4 | 52 | 17.1 | 50 | 16.4 | 48 | 15.7 | 45 | 14.8 |
| 100 | 6.9 | 7.1 | 26.9 | 55 | 18.0 | 54 | 17.7 | 53 | 17.4 | 52 | 17.1 | 50 | 16.4 | 46 | 15.1 |

| 102-2926 Orange | | Trajectory | | 30° | | 25° | | 20° | | 15° | | 10° | | 7° | |
|--------------------|-----|------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Pressure | | Flow | | Radius | | Radius | | Radius | | Radius | | Radius | | Radius | |
| PSI | BAR | GPM | lpm | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters |
| 50 | 3.4 | 4.3 | 16.3 | 48 | 15.7 | 46 | 15.1 | 44 | 14.4 | 42 | 13.8 | 39 | 12.8 | 35 | 11.5 |
| 60 | 4.1 | 4.7 | 17.8 | 50 | 16.4 | 48 | 15.7 | 46 | 15.1 | 44 | 14.4 | 41 | 13.5 | 38 | 12.5 |
| 65 | 4.5 | 4.9 | 18.5 | 51 | 16.7 | 49 | 16.1 | 47 | 15.4 | 45 | 14.8 | 42 | 13.8 | 39 | 12.8 |
| 70 | 4.8 | 5.1 | 19.3 | 51 | 16.7 | 50 | 16.4 | 48 | 15.7 | 46 | 15.1 | 43 | 14.1 | 40 | 13.1 |
| 80 | 5.5 | 5.4 | 20.4 | 52 | 17.1 | 51 | 16.7 | 50 | 16.4 | 48 | 15.7 | 45 | 14.8 | 42 | 13.8 |
| 90 | 6.2 | 5.8 | 22.0 | 53 | 17.4 | 52 | 17.1 | 51 | 16.7 | 49 | 16.1 | 47 | 15.4 | 44 | 14.4 |
| 100 | 6.9 | 6.1 | 23.1 | 54 | 17.7 | 53 | 17.4 | 52 | 17.1 | 50 | 16.4 | 48 | 15.7 | 45 | 14.8 |

| 102-2925 Blue | | Trajectory | | 30° | | 25° | | 20° | | 15° | | 10° | | 7° | |
|------------------|-----|------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Pressure | | Flow | | Radius | | Radius | | Radius | | Radius | | Radius | | Radius | |
| PSI | BAR | GPM | lpm | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters |
| 50 | 3.4 | 2.7 | 10.2 | 42 | 13.8 | 41 | 13.5 | 39 | 12.8 | 38 | 12.5 | 36 | 11.8 | 34 | 11.2 |
| 60 | 4.1 | 3.0 | 11.4 | 43 | 14.1 | 42 | 13.8 | 40 | 13.1 | 39 | 12.8 | 37 | 12.1 | 35 | 11.5 |
| 65 | 4.5 | 3.2 | 12.1 | 43 | 14.1 | 42 | 13.8 | 40 | 13.1 | 39 | 12.8 | 37 | 12.1 | 35 | 11.5 |
| 70 | 4.8 | 3.3 | 12.5 | 44 | 14.4 | 42 | 13.8 | 41 | 13.5 | 39 | 12.8 | 38 | 12.5 | 36 | 11.8 |
| 80 | 5.5 | 3.5 | 13.2 | 44 | 14.4 | 43 | 14.1 | 41 | 13.5 | 40 | 13.1 | 38 | 12.5 | 36 | 11.8 |
| 90 | 6.2 | 3.7 | 14.0 | 45 | 14.8 | 44 | 14.4 | 42 | 13.8 | 41 | 13.5 | 39 | 12.8 | 37 | 12.1 |
| 100 | 6.9 | 3.9 | 14.8 | 45 | 14.8 | 44 | 14.4 | 43 | 14.1 | 42 | 13.8 | 40 | 13.1 | 38 | 12.5 |

Main Nozzle Adapter Performance Charts

Intermediate Nozzle Performance Charts

| 102-6885 Green | | Trajectory | | 30° | | 25° | | 20° | | 15° | | 10° | | 7° | |
|-------------------|-----|------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Pressure | | Flow | | Radius | | Radius | | Radius | | Radius | | Radius | | Radius | |
| PSI | BAR | GPM | lpm | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters |
| 50 | 3.4 | 5.4 | 20.4 | 51 | 16.7 | 50 | 16.4 | 48 | 15.7 | 45 | 14.8 | 42 | 13.8 | 39 | 12.8 |
| 60 | 4.1 | 5.9 | 22.3 | 52 | 17.1 | 51 | 16.7 | 49 | 16.1 | 46 | 15.1 | 43 | 14.1 | 41 | 13.5 |
| 65 | 4.5 | 6.1 | 23.1 | 52 | 17.1 | 51 | 16.7 | 50 | 16.4 | 47 | 15.4 | 44 | 14.4 | 42 | 13.8 |
| 70 | 4.8 | 6.3 | 23.8 | 53 | 17.4 | 52 | 17.1 | 50 | 16.4 | 47 | 15.4 | 44 | 14.4 | 42 | 13.8 |
| 80 | 5.5 | 6.7 | 25.4 | 53 | 17.4 | 52 | 17.1 | 51 | 16.7 | 48 | 15.7 | 45 | 14.8 | 43 | 14.1 |
| 90 | 6.2 | 7.1 | 26.9 | 54 | 17.7 | 53 | 17.4 | 52 | 17.1 | 50 | 16.4 | 47 | 15.4 | 45 | 14.8 |
| 100 | 6.9 | 7.4 | 28.0 | 55 | 18.0 | 55 | 18.0 | 54 | 17.7 | 52 | 17.1 | 49 | 16.1 | 47 | 15.4 |

| 102-6884 Yellow | | Trajectory | | 30° | | 25° | | 20° | | 15° | | 10° | | 7° | |
|--------------------|-----|------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Pressure | | Flow | | Radius | | Radius | | Radius | | Radius | | Radius | | Radius | |
| PSI | BAR | GPM | lpm | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters |
| 50 | 3.4 | 4.1 | 15.5 | 48 | 15.7 | 47 | 15.4 | 45 | 14.8 | 41 | 13.5 | 38 | 12.5 | 35 | 11.5 |
| 60 | 4.1 | 4.5 | 17.0 | 49 | 16.1 | 48 | 15.7 | 47 | 15.4 | 44 | 14.4 | 41 | 13.5 | 38 | 12.5 |
| 65 | 4.5 | 4.7 | 17.8 | 50 | 16.4 | 49 | 16.1 | 48 | 15.7 | 45 | 14.8 | 42 | 13.8 | 39 | 12.8 |
| 70 | 4.8 | 4.8 | 18.2 | 50 | 16.4 | 49 | 16.1 | 48 | 15.7 | 45 | 14.8 | 43 | 14.1 | 40 | 13.1 |
| 80 | 5.5 | 5.1 | 19.3 | 51 | 16.7 | 50 | 16.4 | 49 | 16.1 | 47 | 15.4 | 44 | 14.4 | 41 | 13.5 |
| 90 | 6.2 | 5.4 | 20.4 | 53 | 17.4 | 52 | 17.1 | 50 | 16.4 | 48 | 15.7 | 45 | 14.8 | 42 | 13.8 |
| 100 | 6.9 | 5.8 | 22.0 | 54 | 17.7 | 53 | 17.4 | 51 | 16.7 | 49 | 16.1 | 46 | 15.1 | 43 | 14.1 |

| 102-6883 Brown | | Trajectory | | 30° | | 25° | | 20° | | 15° | | 10° | | 7° | |
|-------------------|-----|------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Pressure | | Flow | | Radius | | Radius | | Radius | | Radius | | Radius | | Radius | |
| PSI | BAR | GPM | lpm | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters |
| 50 | 3.4 | 2.4 | 9.1 | 41 | 13.5 | 40 | 13.1 | 38 | 12.5 | 36 | 11.8 | 33 | 10.8 | 30 | 9.8 |
| 60 | 4.1 | 2.6 | 9.8 | 43 | 14.1 | 42 | 13.8 | 40 | 13.1 | 38 | 12.5 | 36 | 11.8 | 33 | 10.8 |
| 65 | 4.5 | 2.7 | 10.2 | 44 | 14.4 | 42 | 13.8 | 41 | 13.5 | 39 | 12.8 | 37 | 12.1 | 34 | 11.2 |
| 70 | 4.8 | 2.8 | 10.6 | 45 | 14.8 | 43 | 14.1 | 42 | 13.8 | 40 | 13.1 | 38 | 12.5 | 35 | 11.5 |
| 80 | 5.5 | 3.0 | 11.4 | 46 | 15.1 | 45 | 14.8 | 43 | 14.1 | 41 | 13.5 | 40 | 13.1 | 36 | 11.8 |
| 90 | 6.2 | 3.2 | 12.1 | 46 | 15.1 | 45 | 14.8 | 44 | 14.4 | 42 | 13.8 | 41 | 13.5 | 37 | 12.1 |
| 100 | 6.9 | 3.4 | 12.9 | 46 | 15.1 | 45 | 14.8 | 44 | 14.4 | 43 | 14.1 | 41 | 13.5 | 38 | 12.5 |

Inner Nozzle Performance Charts*

| 102-6937 Yellow | | Trajectory | | 30° | | 25° | | 20° | |
|--------------------|-----|------------|------|--------|--------|--------|--------|--------|--------|
| Pressure | | Flow | | Radius | | Radius | | Radius | |
| PSI | BAR | GPM | lpm | Feet | Meters | Feet | Meters | Feet | Meters |
| 50 | 3.4 | 3.7 | 14.0 | 26 | 8.5 | 24 | 7.9 | 20 | 6.6 |
| 60 | 4.1 | 4.0 | 15.1 | 28 | 9.2 | 25 | 8.2 | 22 | 7.2 |
| 65 | 4.5 | 4.2 | 15.9 | 28 | 9.2 | 25 | 8.2 | 22 | 7.2 |
| 70 | 4.8 | 4.4 | 16.7 | 28 | 9.2 | 26 | 8.5 | 23 | 7.5 |
| 80 | 5.5 | 4.7 | 17.8 | 28 | 9.2 | 26 | 8.5 | 24 | 7.9 |
| 90 | 6.2 | 5.0 | 18.9 | 29 | 9.5 | 27 | 8.9 | 25 | 8.2 |
| 100 | 6.9 | 5.2 | 19.7 | 30 | 9.8 | 29 | 9.5 | 27 | 8.9 |

| 102-6531 Green | | Trajectory | | 30° | | 25° | | 20° | |
|-------------------|-----|------------|------|--------|--------|--------|--------|--------|--------|
| Pressure | | Flow | | Radius | | Radius | | Radius | |
| PSI | BAR | GPM | lpm | Feet | Meters | Feet | Meters | Feet | Meters |
| 50 | 3.4 | 4.0 | 15.1 | 32 | 10.5 | 30 | 9.8 | 26 | 8.5 |
| 60 | 4.1 | 4.3 | 16.3 | 34 | 11.2 | 31 | 10.2 | 27 | 8.9 |
| 65 | 4.5 | 4.5 | 17.0 | 34 | 11.2 | 31 | 10.2 | 27 | 8.9 |
| 70 | 4.8 | 4.7 | 17.8 | 34 | 11.2 | 31 | 10.2 | 28 | 9.2 |
| 80 | 5.5 | 5.0 | 18.9 | 34 | 11.2 | 32 | 10.5 | 29 | 9.5 |
| 90 | 6.2 | 5.3 | 20.1 | 34 | 11.2 | 32 | 10.5 | 29 | 9.5 |
| 100 | 6.9 | 5.6 | 21.2 | 35 | 11.5 | 33 | 10.8 | 30 | 9.8 |

* Not recommended below 20°





FLEX800™ R SERIES CONVERSION UPGRADES



*Adds 1½" of
pop-up height*

Left: Rain Bird Eagle 900

*Right: Rain Bird Eagle
900 upgraded with
Toro FLEX800 R SERIES
upgrade assembly and
optional Spike Guard
solenoid/adaptor*

SPECIFICATIONS

Operational

- Ratcheting riser allows riser positioning without riser removal.
- Recommended Operating Pressure Range: 60-100 PSI (maximum – 150 PSI and minimum – 40 PSI)
- Radius reduction screw for radius refinement
- Riser pull-up feature simplifies servicing
- Effluent identifier included
- Yardage marker capable
- 3.25" pop-up clears tall grasses
- Nozzle base clutching (FLX55-6RB & FLX55RB) allows nozzle base movement by hand

Nozzles

- 4 main nozzle combinations included provides a wide range of radius and flow capabilities.
- Back nozzle capable (FLX55-6RB & FLX55RB)
- Two additional front nozzle positions (FLX54RB only)
- All nozzles threaded from the front with no other disassembly required.

FLEX800 R SERIES Solenoid Adapters

The New Toro solenoid adapters allow you to easily and economically upgrade your Rain Bird® Eagle 700, 900 and 1100 Series sprinklers with the Toro Spike Guard™ solenoids.



Features

SPIKEGUARD-RB

- 20,000 volt surge protection; 3 times the surge protection of the leading competitor. Save time and money with fewer replacements and less time digging up failed solenoids
- Half the amperage of the leading competitor; Run more heads simultaneously (if control system and available water allow) and provides improved performance in low voltage situations

Toro® has designed and manufactured this product to fit within a sprinkler housing made by Rain Bird® Corporation, but Toro's product is not manufactured by or affiliated with Rain Bird. Rain Bird is a registered trademark of Rain Bird Corporation.

Specifying Information—FLEX800 R SERIES Conversion Assemblies

| Model Number | Description |
|----------------|---|
| FLX55-6RB-5154 | R Series Conversion with FLX55-6 riser assembly and low flow nozzle set #51 - #54 |
| FLX55-6RB-5558 | R Series Conversion with FLX55-6 riser assembly and high flow nozzle set #55 - #58 |
| FLX55RB-5154 | R Series Conversion with FLX55 riser assembly and low flow nozzle set #51 - #54 |
| FLX55RB-5558 | R Series Conversion with FLX55 riser assembly and high flow nozzle set #55 - #58 |
| FLX54RB-5154 | R Series Conversion with FLX54 riser assembly and low flow nozzle set #51 - #54 |
| FLX54RB-5558 | R Series Conversion with FLX54 riser assembly and high flow nozzle set #55 - #58 |
| SPIKEGUARD-RB | Toro solenoid adapter with Spike Guard™ solenoid for Rain Bird Eagle 700, 900 or 1100 Series sprinklers |